

Mazuri® Ramphastid Hand Feeding

Formula

(Available at www.mazuri.com or through a Mazuri® retailer)

Formula Code 5TWY



Description

Mazuri® Ramphastid Hand Feeding Formula is a complete diet designed to promote optimal growth and development for Ramphastidae species (toucans and toucanets) from the day of hatch through weaning. Contains higher calcium, phosphorous and vitamin D as compared to Mazuri® Hand Feeding Formula (5TMX).

Features and Benefits

- **Low iron formula** - Ideal for iron-sensitive species.
- **As compared to standard Mazuri® psittacine hand feeding formulations:**
 - Higher protein and lower fat formulation.
 - Higher calcium, phosphorous and vitamins D and A.
- **Designed to promote hydration in young birds.**
- **Ideal levels of natural pigments and vitamins.**
- **Contains probiotic organisms** - Help initiate gastrointestinal microflora development.

Product Form and Packaging

Dry powder

- 2 kg canister
- 20 lb pail

Catalog

1815997-707
1815997-757



Guaranteed Analysis (Dry powder)

Crude protein not less than.....	25.0%
Crude fat not less than.....	9.0%
Crude fiber not more than.....	2.5%
Moisture not more than.....	12.0%
Ash not more than	8.9%

Ingredients

Dehulled Soybean Meal, Wheat Red Dog, Corn Starch, Sucrose, Soybean Oil, Soy Protein Concentrate, Dried Egg Product, Dicalcium Phosphate, Brewers Dried Yeast, Calcium Carbonate, Lecithin, Salt, DL-Methionine, Tagetes (Aztec Marigold) Extract (Color), Choline Chloride, Dried Lactobacillus acidophilus Fermentation Product, Dried Lactobacillus casei Fermentation Product, Dried Bifidobacterium thermophilum Fermentation Product, Dried Enterococcus faecium Fermentation Product, L-Ascorbyl-2-Polyphosphate (Vitamin C), Zinc Sulfate, Manganese Sulfate, Ferrous Sulfate, Nicotinic Acid, d-Alpha Tocopheryl Acetate (Vitamin E), Preserved with Mixed Tocopherols, Canthaxanthin (color), Calcium Iodate, Rosemary Extract, Calcium Pantothenate, Citric Acid (a Preservative), Vitamin A Acetate, Copper Sulfate, Riboflavin Supplement, Thiamine Mononitrate, Pyridoxine Hydrochloride, Menadione Sodium Bisulfite Complex (Vitamin K), Folic Acid, Beta Carotene, Biotin, Sodium Selenite, Vitamin D3 Supplement, Vitamin B12 Supplement.

Mixing & Feeding Directions

Prepared formula is designed for feeding chicks.

Never feed dry powder without first combining with water. Use good sanitation practices and good quality water.

- To ensure complete hydration of the product, mix with cold water then add hot water to reach feeding temperatures of 100°F to 106° F (37 to 41°C).
- Under- and over-heating can cause impaired gastric motility and crop burns, respectively.
- Water:formula ratio may vary due to species.
- Measuring of powder by weight is recommended.
- The product will turn pink upon mixing, which is normal and provides important pigments to the birds and ensures that mixing is adequate. Some pigments may not be fully absorbed, and pink feces may be observed.

Mixing Tips

- In the first weeks post-hatch, 80% water:20% formula (by weight).
- As the bird grows, 70% water:30% formula (by weight).
- Mix thoroughly with a fork or whisk until fully mixed.
- Do not reheat unused formula.

Feeding Suggestions

- Feed until the crop is full using the appropriate hand-feeding syringe. Do not overfeed.

Mazuri® is a registered trademark of PMI Nutrition International, LLC
07OCT2022

5TWY-RITD-2

- Most chicks will consume 10% or more of their body weight per feeding, but daily monitoring of weights is the most accurate way to ensure proper growth and feeding rates.
- Several weeks before weaning, introduce solid food items, such as high-quality extruded diet (e.g., Mazuri® Softbill Diet), plus 10-20% (by weight) fruits, vegetables and other food items.

Thoroughly wash feed and water bowls on a regular basis. It is always good practice to wash hands thoroughly after feeding and/or handling animals. This diet is not for human consumption.

Important: A feeding program is only as effective as the management practices followed. Use only as directed.

Notice: Repackaging of this product is prohibited and is an unauthorized use of PMI Nutrition International's trademark and product.

Storage

For best results, secure canister cap closed or store contents of open bag in container with sealing lid. Store in a cool (75°F/24°C or colder), dry (approximately 50% RH) location protected from rodents and insects. Do not feed moldy or insect-infested feed to animals as it may result in illness, performance loss or death. Freezing will not harm the diet and may extend freshness. Use within 1 year of manufacturing or "Best By" date.

Mazuri® Ramphastid Hand Feeding Formula

Approximate Nutrient Composition¹

PROTEIN

Crude protein, %	25.00
Arginine, %	1.69
Cystine, %	0.47
Glycine, %	1.04
Histidine, %	0.61
Isoleucine, %	1.35
Leucine, %	1.99
Lysine, %	1.54
Methionine, %	0.71
Phenylalanine, %	1.28
Taurine, %	0.00
Threonine, %	1.03
Tryptophan, %	0.35
Tyrosine, %	0.83
Valine, %	1.35

FAT

Crude fat (ether extract), %	9.00
Linoleic acid, %	4.17
Linolenic acid, %	0.56
Omega-3 fatty acids, %	0.56
Omega-6 fatty acids, %	4.18

CARBOHYDRATES

Crude fiber, %	2.05
Neutral detergent fiber, %	3.59
Acid detergent fiber, %	2.28
Dietary starch, %	43.34

Ash, %	6.30
Dry matter, %	88.22

MACRO MINERALS

Calcium, %	1.70
Chloride, %	0.33
Magnesium, %	0.14
Phosphorus, %	0.94
Phosphorus (available), %	0.70
Potassium, %	0.91
Sodium, %	0.19
Sulfur, %	0.41

MICRO MINERALS

Cobalt, ppm	0.31
Copper, ppm	16.56
Iodine, ppm	0.65
Iron, ppm	128
Manganese, ppm	80.39
Selenium (total), ppm	0.30
Zinc, ppm	71.68

VITAMINS

Ascorbic acid, ppm	252
Biotin, ppm	0.66
Choline, ppm	968
Folic acid, ppm	3.59
Niacin, ppm	79.19
Pantothenic acid, ppm	23.21
Pyridoxine, ppm	8.65
Riboflavin, ppm	11.09
Thiamin, ppm	12.18
Vitamin B ₁₂ , µg/kg	14.11
Vitamin A, IU/kg	7,558
Vitamin D ₃ , IU/kg	2,806
Vitamin E, IU/kg	102
Vitamin K, ppm	3.37
Beta-carotene, ppm	1.02

Storage Conditions

For best results, reseal the bag between uses or store contents of open sack in container with sealing lid. Store in a cool (75°F/24°C or colder), dry (approximately 50% RH) location free from rodents and insects. Do not offer moldy or insect-infested feed to animals as it may result in illness, performance loss or death. Freezing will not harm the diet and may extend freshness. Use within 1 year of bag manufacturing or "Best if Used By" date.

¹ Based on the latest ingredient analysis information. Since nutrient composition of natural ingredients varies, analyses will vary accordingly.

Mazuri® is a registered trademark of PMI Nutrition International, LLC.